

IN THE CLAIMS

The following is a complete listing of the claims, and replaces all earlier versions and listings.

1. (canceled)

2. (currently amended) The antenna pattern according to claim [[1]] 8, wherein the mesh or continuously polygonal micro-image element lines or the parallel element lines are 5-300 μm in line width and 5-1,000 μm in line pitch interval.

3. (currently amended) The antenna pattern according to claim [[1]] 8, wherein the mesh or continuously polygonal micro-image element lines or the parallel element lines are 5-50 μm in line width and 5-500 μm in line pitch interval.

4. (currently amended) The antenna pattern according to claim [[1]] 8, wherein the mesh or continuously polygonal micro-image element lines or the parallel element lines are 5-30 μm in line width and 5-150 μm in line pitch interval.

5. (currently amended) The antenna pattern according to claim [[1]] 8, wherein the mesh or continuously polygonal micro-image element lines or the parallel element lines are 30-300 μm in line width and 50-1,000 μm in line pitch interval.

6. (currently amended) The antenna pattern according to claim [[1]] 8, wherein the mesh or continuously polygonal micro-image element lines or the parallel element lines are produced by use of a printing method or an etching system.

7. (canceled)

8. (currently amended) [[The]] An antenna pattern according to claim 1, comprising:
a conductor wire forming the antenna pattern, the conductor wire being formed out of an aggregated wire consisting of mesh or continuously polygonal micro-image element lines or an aggregated wire consisting of parallel element lines,

wherein the mesh or continuously polygonal micro-image element lines or the parallel element lines are printed with printing ink or paste material mixed with conductive powder, and conductive plating is further performed on the printed surface with or without aid of electroless plating.

9. (currently amended) [[The]] An antenna pattern according to claim 1, comprising:
a conductor wire forming the antenna pattern, the conductor wire being formed out of an aggregated wire consisting of mesh or continuously polygonal micro-image element lines or an aggregated wire consisting of parallel element lines,

wherein the mesh or continuously polygonal micro-image element lines or the parallel element lines are printed with printing ink or paste material mixed with conductive powder, and

at least one of predetermined pressure treatment and polishing treatment are performed further thereon.

10. (currently amended) [[The]] An antenna pattern according to claim 1, comprising:
a conductor wire forming the antenna pattern, the conductor wire being formed out of an aggregated wire consisting of mesh or continuously polygonal micro-image element lines or an aggregated wire consisting of parallel element lines,

wherein the mesh or continuously polygonal micro-image element lines or the parallel element lines are printed with printing ink or paste material mixed with conductive powder, at least one of predetermined pressure treatment and polishing treatment are further performed on the printed surface, and conductive plating is further performed on the printed surface with or without aid of electroless plating.

11. (currently amended) [[The]] An antenna pattern according to claim 7, comprising:
a conductor wire forming the antenna pattern, the conductor wire being formed out of an aggregated wire consisting of mesh or continuously polygonal micro-image element lines or an aggregated wire consisting of parallel element lines,

wherein the mesh or continuously polygonal micro-image element lines or the parallel element lines are printed with printing ink or paste material mixed with conductive powder, wherein the conductive powder has an average particle size of 0.001-10 μm , and is selected from Cu, Ti, Fe, Ni, Mg, Pd, Ag, Au and C, or alloys thereof.

12. (currently amended) The antenna pattern according to claim [[1]] 8, wherein the conductor wire has an amorphous alloy as a constituent component thereof.

13. (currently amended) An electromagnetic wave energy processing device comprising the antenna pattern according to claim [[1]] 11.

14. (currently amended) A sheet-like electromagnetic wave energy processing device wherein the antenna pattern according to claim [[1]] 8 is provided on a sheet or a thin plate.

15. (currently amended) A sheet-like electromagnetic wave energy processing device, in which an antenna pattern according to claim [[1]] 8 is provided on a sheet or a thin plate, and a coating or a thin sheet is laminated further thereon.

16. (currently amended) An electromagnetic wave energy processing device, in which the electromagnetic wave energy processing device is an antenna having the antenna pattern according to claim [[13]] 8.

17. (currently amended) An electromagnetic wave energy processing device, in which the electromagnetic wave energy processing device is an electromagnetic wave shielding filter having the antenna pattern according to claim [[13]] 8.

18. - 20. (canceled)

21. (new) An electromagnetic wave energy processing device comprising the antenna pattern according to claim 8.

22. (new) An electromagnetic wave energy processing device comprising the antenna pattern according to claim 9.

23. (new) An electromagnetic wave energy processing device comprising the antenna pattern according to claim 10.